

Title (en)
A CONNECTOR HAVING A GUIDED PILOT

Title (de)
VERBINDER MIT EINEM GEFÜHRTEM PILOTEN

Title (fr)
CONNECTEUR DOTÉ D'UN PILOTE GUIDÉ

Publication
EP 4008946 B1 20240410 (EN)

Application
EP 21211874 A 20211202

Priority
US 202017110618 A 20201203

Abstract (en)
[origin: EP4008946A1] A connector 10 and process for coupling a tube 12 and the resulting assembly is disclosed. A receptacle 16 includes a pilot 80 in a mounting position. The pilot 80 including an indicator piece 90 and guide members 82, 83 each located in a respective channel 56, 58 on the receptacle 16 and slidable within the channels from the mounting position to a final position. A retention clip 60 having legs 62, 63 is urged into a spread condition during a transition between the mounting position and the final position wherein in the final position the legs of the retention clip retract to a relaxed condition, the indicator piece 90 becomes visible on the receptacle 16 and the first and second guide members 82, 83 latch the pilot 80 to the receptacle 16.

IPC 8 full level
F16L 37/088 (2006.01)

CPC (source: CN EP US)
F16L 37/02 (2013.01 - CN); **F16L 37/084** (2013.01 - CN); **F16L 37/0885** (2019.08 - EP); **F16L 37/144** (2013.01 - CN US);
F16L 43/008 (2013.01 - CN); **F16L 47/12** (2013.01 - CN); **F16L 2201/10** (2013.01 - CN EP US); **F16L 2201/60** (2013.01 - CN)

Cited by
EP4372262A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 4008946 A1 20220608; EP 4008946 B1 20240410; CN 114593294 A 20220607; EP 4400755 A2 20240717; EP 4400755 A3 20241016;
US 11578828 B2 20230214; US 2022178481 A1 20220609

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EP 21211874 A 20211202; CN 202111465135 A 20211203; EP 24169340 A 20211202; US 202017110618 A 20201203